

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A door locking system comprising:

an assembly including a latching structure;

a door movably coupled to the assembly, the door including a latch member for engagement with the latching structure, the door having a closed position in which the latching member and latching structure are engaged so that the door is latched to the assembly; and

a movable member coupled to the door for applying a force on the door relative to the assembly toward an opening direction of the door, the force operating to maintain engagement of the latching structure of the assembly with the latch member of the door to keep the door latched, wherein the movable member is operably coupled to contact an element positioned between the movable member and the assembly when applying the force, wherein the element includes at least a pump cassette.

Claims 2-4 (canceled).

Claim 5 (previously presented): A door locking system comprising:

an assembly including a latching structure having a first undercut feature;

a door movably coupled to the assembly, the door including a latch member having a second undercut feature for engagement with the first undercut feature, the door having a closed position in which the first and second undercut features are engaged so that the door is latched to the assembly; and

a movable member for applying a force on the door toward an opening direction of the door, the engaged undercut features preventing the door from opening when the opening force is applied, the force operating to maintain engagement of the first undercut

feature of the assembly with the second undercut feature of the door to keep the door latched, wherein the latch member includes a handle for operating the latch, the handle capable of pivoting to control alignment of the second undercut feature with the first undercut feature.

Claim 6 (previously presented): The door locking system according to claim 5, wherein the handle is substantially incapable of pivoting when the first undercut feature is engaged with the second undercut feature and the movable member is applying the force.

Claim 7-8 (canceled).

Claim 9 (previously presented): The door locking system according to claim 1, further comprising a handle for moving the latch member from an engagement position to a disengagement position for disengaging the latching structure and the latch member, wherein the handle is substantially incapable of moving the latch member from the engagement position to the disengagement position when the movable member is applying the force.

Claim 10 (previously presented): The door locking system according to claim 1, wherein the movable member includes an expandable member.

Claim 11 (original): The door locking system according to claim 10, wherein the expandable member is a bladder.

Claim 12 (original): The door locking system according to claim 1, further including a pneumatic circuit for controlling the movable member.

Claims 13-18 (canceled).

Claim 19 (currently amended): A door locking system comprising:

an assembly including a latching structure having a first undercut feature;
a door movably coupled to the assembly, the door including a latch member having a second undercut feature for engagement with the first undercut feature, the door having a closed position in which the first and second undercut features are engaged so that the door is latched to the assembly; and
a movable member for applying a force on the door toward an opening direction of the door, the engaged undercut features preventing the door from opening when the opening force is applied, the force operating to maintain engagement of the first undercut feature of the assembly with the second undercut feature of the door to keep the door latched, further comprising an element positioned between the movable member and at least one of the assembly and the door, wherein the movable member is operably coupled to contact the element when applying the force, wherein the element includes at least a pump cassette.

Claim 20 (currently amended): The door locking system according to claim 19, ~~wherein the element is a pump cassette~~ further comprising a handle for moving the latch member from an engagement position to a disengagement position for disengaging the latching structure and the latch member, wherein the handle is substantially incapable of moving the latch member from the engagement position to the disengagement position when the movable member is applying the force.

Claim 21 (currently amended): A door locking system comprising:
an assembly having a first engagement means;
a door movably coupled to the assembly, the door including a second engagement means for engagement with the first engagement means, the door having a closed position in which the first and second engagement means are engaged so that the door is latched to the assembly; and
movable means coupled to the door for applying a force on the door relative to the assembly toward an opening direction of the door, the force operating to maintain engagement of the first engagement means of the assembly with the second engagement means of the door to keep the door latched, where the movable means is operably

coupled to contact an element positioned between the movable means and the assembly when applying the force, wherein the element includes at least a pump cassette.

Claim 22 (canceled).

Claim 23 (original): The door locking system according to claim 21, further including a handle attached to the second engagement means.

Claim 24 (original): The door locking system according to claim 21, wherein the movable means includes an expandable member.

Claim 25 (original): The door locking system according to claim 24, wherein the expandable member is a bladder.

Claim 26 (previously presented): The door locking mechanism according to claim 21, further including a pneumatic circuit for controlling the movable means.

Claims 27-29 (canceled).

Claim 30 (currently amended): The door locking system according to claim 21, ~~wherein the movable means is operably coupled to contact an element positioned between the movable means and the assembly when applying the force~~ further comprising disengagement means for disengaging the first and second engagement means, wherein the disengagement means is substantially incapable of disengaging the first and second engagement means when the movable means is applying the force.

Claim 31 (canceled).

Claim 32 (currently amended): A door locking system comprising:
an assembly having a first engagement means, the first engagement means including a first undercut feature;

a door movably coupled to the assembly, the door including a second engagement means for engagement with the first engagement means, the second engagement means including a second undercut feature, the door having a closed position in which the first and second engagement means are engaged so that the door is latched to the assembly; and

movable means for applying a force on the door toward an opening direction of the door, the engaged undercut features preventing the door from opening when the opening force is applied, the force operating to maintain engagement of the first undercut feature of the assembly with the second undercut feature of the door to keep the door latched, further comprising an element positioned between the movable means and at least one of the assembly and the door, wherein the movable member is operably coupled to contact the element when applying the force, wherein the element includes at least a pump cassette.

Claim 33 (currently amended): The door locking system according to claim 32, ~~wherein the element is a pump cassette~~ further comprising disengagement means for disengaging the first and second engagement means, wherein the disengagement means is substantially incapable of disengaging the first and second engagement means when the movable means is applying the force.

Claim 34 (currently amended): A method of locking a door to an assembly with respect to which the door has an open position and a closed position, the method comprising:

engaging a latching structure of the assembly with a latch member of the door when the door is in the closed position so that the door is latched to the assembly; and

applying a force on the door relative to the assembly toward an opening direction of the door using a movable member coupled to the door, the force operating to maintain engagement of the latching structure of the assembly with the latch member of the door to keep the door latched, wherein applying the force includes placing the movable member in contact with an element positioned between the movable member and the assembly, wherein the element includes at least a pump cassette.

Claims 35-38 (canceled).

Claim 39 (previously presented): The door locking method according to claim 34, wherein the movable member includes an expandable member, and wherein applying the force includes expanding the expandable member.

Claim 40 (previously presented): The door locking method according to claim 39 wherein the expandable member is a bladder, and wherein expanding the expandable member includes pneumatically operating the bladder.

Claims 41-43 (canceled).

Claim 44 (currently amended): The door locking method according to claim 34, ~~wherein applying the force includes placing the movable member in contact with an element positioned between the movable member and the assembly~~ wherein at least one of the door and the assembly includes a handle for moving the latch member from an engagement position to a disengagement position for disengaging the latching structure and the latch member, and wherein the handle is substantially incapable of moving the latch member from the engagement position to the disengagement position when the force is being applied.

Claim 45 (currently amended): A method of locking a door to an assembly with respect to which the door has an open position and a closed position, the method comprising:

engaging a first undercut feature of the assembly with a second undercut feature of the door when the door is in the closed position so that the door is latched to the assembly; and

applying a force on the door toward an opening direction of the door, the engaged undercut features preventing the door from opening when the opening force is applied, the force operating to maintain engagement of the first undercut feature of the assembly

with the second undercut feature of the door to keep the door latched, wherein applying the force includes placing a movable member in contact with an element positioned between at least one of the assembly and the door, such that a force is generated on at least one of the assembly and the door, wherein the element includes at least a pump cassette.

Claim 46 (currently amended): The door locking method according to claim 45, ~~wherein the element is a pump cassette~~ wherein at least one of the door and the assembly includes a handle for disengaging the first and second undercut features, and wherein the handle is substantially incapable of moving disengaging the first and second undercut features when the force is being applied.

Claim 47 (currently amended): A method of locking a door to an assembly with respect to which the door has an open position and a closed position, the method comprising:

engaging a latching structure of the assembly with a latch member of the door when the door is in the closed position so that the door is latched to the assembly; and
inflating a bladder coupled to the door so as to apply a force on the door relative to the assembly toward an opening direction of the door, the force operating to prevent movement of the latch member of the door relative to the latching structure of the assembly, wherein inflating the bladder places the bladder in contact with an element positioned between the bladder and the assembly, wherein the element includes at least a pump cassette.

Claim 48 (new): A door locking system comprising:
an assembly including a latching structure;
a door movably coupled to the assembly, the door including a latch member for engagement with the latching structure, the door having a closed position in which the latching member and latching structure are engaged so that the door is latched to the assembly; and

a movable member coupled to the door for applying a force on the door relative to the assembly toward an opening direction of the door, the force operating to maintain engagement of the latching structure of the assembly with the latch member of the door to keep the door latched, further comprising a handle for moving the latch member from an engagement position to a disengagement position for disengaging the latching structure and the latch member, wherein the handle is substantially incapable of moving the latch member from the engagement position to the disengagement position when the movable member is applying the force.

Claim 49 (new): The door locking system according to claim 48, wherein the movable member includes an expandable member.

Claim 50 (new): The door locking system according to claim 49, wherein the expandable member is a bladder.

Claim 51 (new): The door locking system according to claim 48, further including a pneumatic circuit for controlling the movable member.

Claim 52 (new): A method of locking a door to an assembly with respect to which the door has an open position and a closed position, the method comprising:

engaging a latching structure of the assembly with a latch member of the door when the door is in the closed position so that the door is latched to the assembly; and
applying a force on the door relative to the assembly toward an opening direction of the door using a movable member coupled to the door, the force operating to maintain engagement of the latching structure of the assembly with the latch member of the door to keep the door latched, wherein at least one of the door and the assembly includes a handle for moving the latch member from an engagement position to a disengagement position for disengaging the latching structure and the latch member, and wherein the handle is substantially incapable of moving the latch member from the engagement position to the disengagement position when the force is being applied.

Claim 53 (new): The door locking method according to claim 52, wherein the movable member includes an expandable member, and wherein applying the force includes expanding the expandable member.

Claim 54 (new): The door locking method according to claim 53 wherein the expandable member is a bladder, and wherein expanding the expandable member includes pneumatically operating the bladder.

Claim 55 (new): The door locking method according to claim 47, wherein at least one of the door and the assembly includes a handle for moving the latch member from an engagement position to a disengagement position for disengaging the latching structure and the latch member, and wherein the handle is substantially incapable of moving the latch member from the engagement position to the disengagement position when the bladder is applying the force.